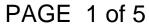
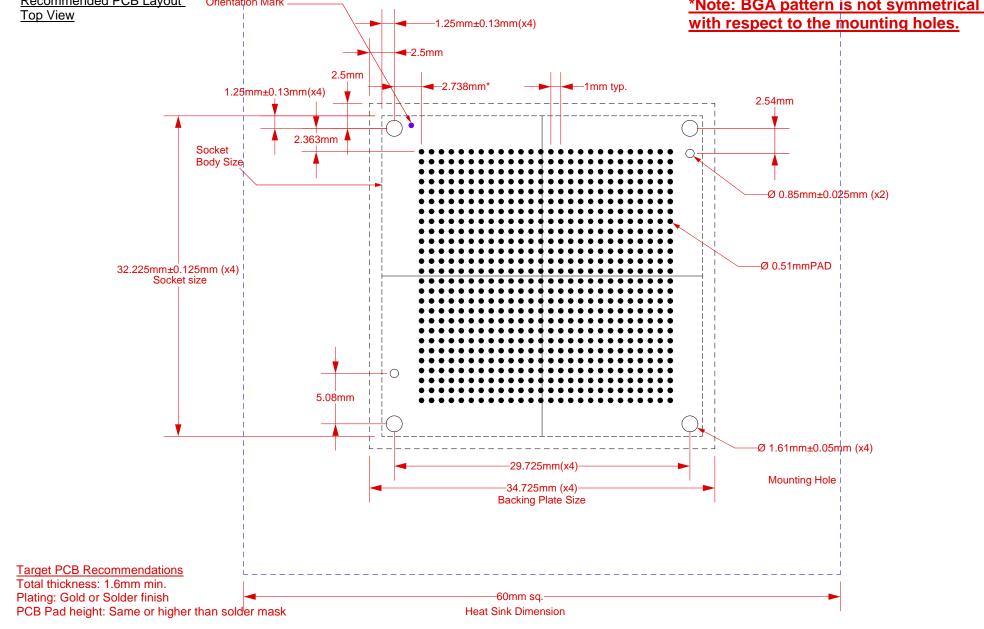


SG-BGA-6109 Drawing	Status: Released	Scale: 1:0.7	Rev: C
© 2004 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121 Tele: (651) 452-8100 www.ironwoodelectronics.com	Drawing: H. Hansen	Date: 4/9/04	
	File: SG-BGA-6109 Dwg Modified		2/27/20



All tolerances: ±0.125mm (unless stated otherwise). Materials and specifications are subject to change without notice.



DETAIL

NOTE: Steel backing plate may be required based on end user's application

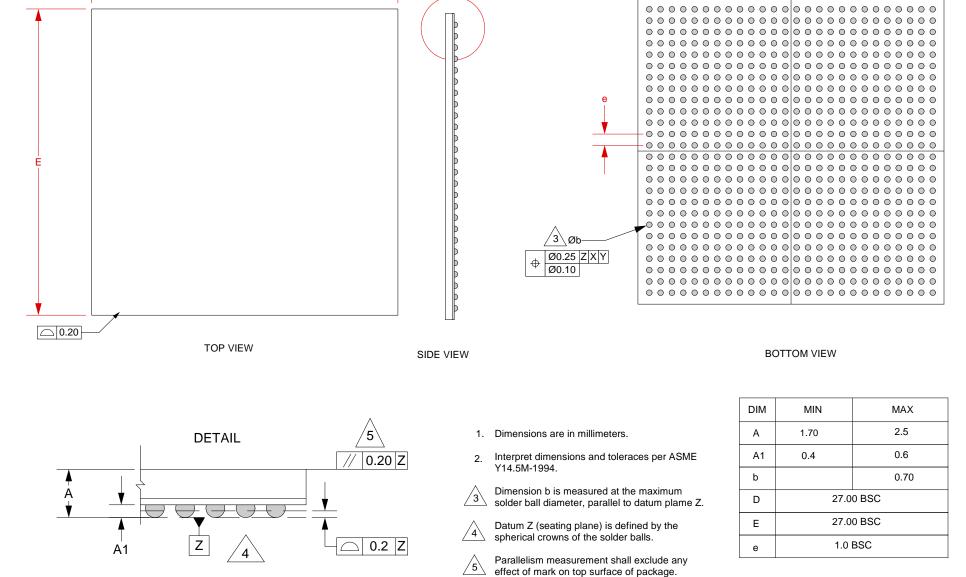
Recommended PCB Layout Tolerances: ±0.025mm [±0.001"] unless stated otherwise.

SG-BGA-6109 Drawing	Status: Released	Scale:	3:1	Rev: C
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	File: SG-BGA-6109 Dwg		Modified: 2/27/20	

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Compatible BGA Spec

Y X

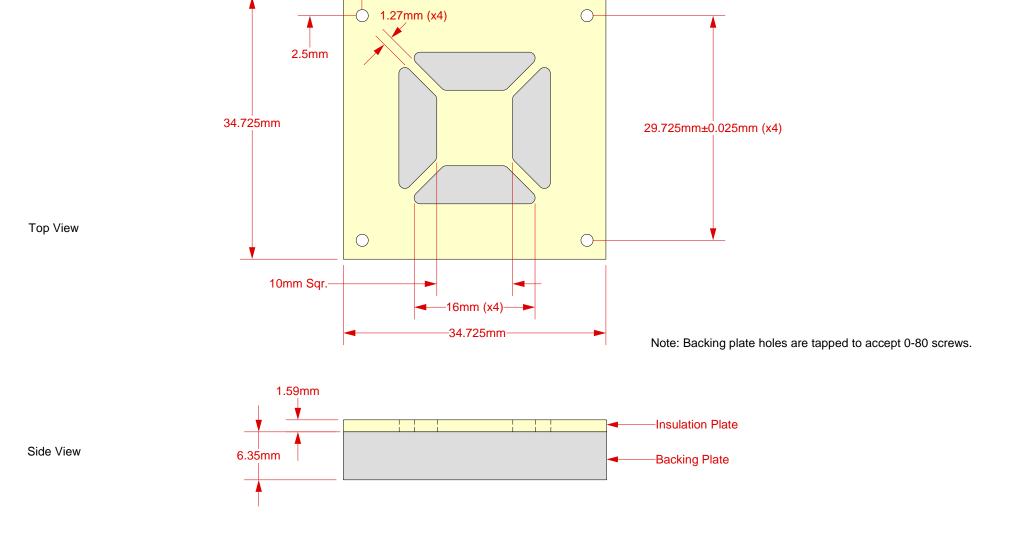


Array 26x26

SG-BGA-6109 Drawing	Status: Released	Scale	-	Rev: C
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	File: SG-BGA-6109 Dwg		Modified: 2/27/20	

-2.5mm

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#### Description: Backing Plate with Insulation Plate

Socket Lid Screw-

SG-BGA-6109 Drawing	Status: Released	Scale:	1:0.7	Rev: C
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	File: SG-BGA-6109 Dwg		Modified: 2/27/20	

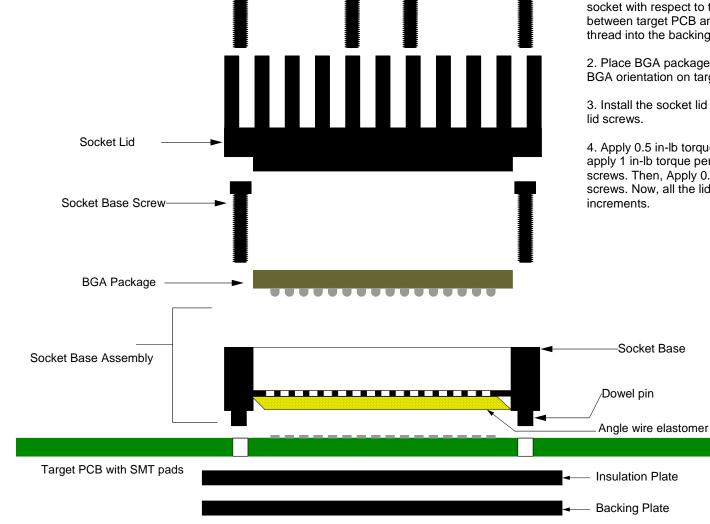
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All dimensions are in mm. All tolerences are +/- 0.125mm. (Unless stated otherwise)

# **Socket** (direct mount - hardware) User Instructions

#### Tooling holes have to be designed into the target PCB for this version of the GHz BGA socket

1. Install the socket base assembly on the target PCB with the socket base assembly. Check orientation of the



socket with respect to the target PCB. Place insulation plate in between target PCB and backing plate. Socket base screws will thread into the backing plate.

2. Place BGA package (solder ball side down) into the socket. NOTE: BGA orientation on target PCB is critical.

3. Install the socket lid on to the socket base assembly using socket lid screws.

4. Apply 0.5 in-lb torque per screw on two opposite lid screws. Then, apply 1 in-lb torque per screw on the remaining two opposite lid screws. Then, Apply 0.5 in-lb torque per screw on the initial two lid screws. Now, all the lid screws have 1 in-lb torque applied in gradual increments.



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